

Title (en)

Underwater electrical connector.

Title (de)

Elektrischer Unterwassersteckverbinder.

Title (fr)

Connecteur électrique sous-marin.

Publication

EP 0251655 A1 19880107 (EN)

Application

EP 87305575 A 19870623

Priority

- GB 8615272 A 19860623
- GB 8626901 A 19861111

Abstract (en)

An underwater electrical connector comprises male and female parts (1,2) which are brought together to make an electrical connection. The female part (1) includes first, second and third closed chambers (28,29,30) containing electrically insulating media, the second chamber (29) being located within the first (28), and the third chamber (30) being located within the second (29). An electrically insulating shuttle piston (46) extends through a contact socket (23) disposed in the third chamber (30) and through respective aligned openings (40,41,42) of the three chambers. The shuttle piston (46) is arranged to be urged back by a contact pin (3) of the male part of the connector during insertion thereof such that the contact pin is received and directly engaged by the contact socket (23) in the third chamber (30) to effect the electrical connection.

IPC 1-7

H01R 13/523

IPC 8 full level

H01R 13/523 (2006.01)

CPC (source: EP US)

H01R 13/523 (2013.01 - EP US)

Citation (search report)

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- [Y] EP 0124987 A2 19841114 - CAIRNS JAMES L

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